

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended): A radio communication system for performing multicast communication comprising:

a reception ability value collector configured to collect a reception ability value of each mobile station belonging to a specific multicast group, wherein the reception ability value defines at least one of a demodulation method, a reception buffer size, a computing processing ability, an error correction method and an interleaving length;

a radio resource manager configured to manage available radio resources;

a transmission method determiner configured to determine a transmission method of transmitting information in accordance with the collected reception ability value and the available radio resources, so that a mobile station belonging to the specific multicast group equipped with a lowest reception ability can receive the information using the determined transmission method; and

a transmitter configured to transmit the information to each mobile station belonging to the specific multicast group using the determined transmission method without precluding a new mobile station that attempts to join the specific multicast group from joining the specific multicast group; and

~~a radio resource manager configured to manage available radio resources;~~

~~wherein the transmission method determiner determines the transmission method in accordance with the reception ability value and the available radio resources, so that a mobile station equipped with a lowest reception ability can receive the information using the determined transmission method.~~

2-3. (Canceled)

4. (Currently Amended): A radio station comprising:

a reception ability value collector configured to collect a reception ability value of each mobile station belonging to a specific multicast group, wherein the reception ability value defines at least one of a demodulation method, a reception buffer size, a computing processing ability, an error correction method and an interleaving length;

a radio resource manager configured to manage available radio resources;

a transmission method determiner configured to determine a transmission method of transmitting information in accordance with the collected reception ability value and the available radio resources, so that a mobile station belonging to the specific multicast group equipped with a lowest reception ability can receive the information using the determined transmission method; and

a transmitter configured to transmit the information to each mobile station belonging to the specific multicast group using the determined transmission method without precluding a new mobile station that attempts to join the specific multicast group from joining the specific multicast group; and

~~a radio resource manager configured to manage available radio resources,~~

~~wherein the transmission method determiner determines the transmission method in accordance with the reception ability value and the available radio resources, so that a mobile station equipped with a lowest reception ability can receive the information using the determined transmission method.~~

5. (Canceled)

6. (Previously Presented) The radio station according to claim 4, wherein the transmission method is determined by at least one of a modulation method, transmission power, a method of organizing the information hierarchically, the amount of data, the numbers of codes, an error correction method, the numbers of blocks, an interleaving length and a rate matching method.

7. (Previously Presented) The radio station according to claim 4, wherein the radio resource is defined by at least one of transmission power, the numbers of codes, the numbers of frequencies and propagation conditions.

8-10. (Canceled)

11. (Previously Presented) The radio station according to claim 7, wherein the transmission method is determined by at least one of a modulation method, transmission power, a method of organizing the information hierarchically, the amount of data, the numbers of codes, an error correction method, the numbers of blocks, an interleaving length and a rate matching method.

12. (Canceled)

13. (Previously Presented) The radio station according to claim 1, wherein the radio resource is defined by at least one of transmission power, the numbers of codes, the numbers of frequencies and propagation conditions.

14. (New) The radio communication system according to claim 1, wherein the transmission method determiner is configured to determine the transmission method so that the mobile station belonging to the specific multicast group equipped with a lowest reception ability can receive the information using the determined transmission method, even when at least one mobile station capable of receiving the information using a transmission method corresponding to a more robust reception ability value exists in the specific multicast group.

15. (New) The radio station according to claim 4, wherein the transmission method determiner is configured to determine the transmission method so that the mobile station belonging to the specific multicast group equipped with a lowest reception ability can receive the information using the determined transmission method, even when at least one mobile station capable of receiving the information using a transmission method corresponding to a more robust reception ability value exists in the specific multicast group.